

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039122.D
 Acq On : 25 Jun 2020 17:33
 Operator : SY/MD
 Sample : L3110-09DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9F56DL

Quant Time: Jun 26 01:03:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 00:59:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	270321	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	273587	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	122129	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	85436	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.93	69	76980	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.58	63	133916	3.52	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.68	46	414018	57.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.90%
24) Chloroform-d	5.10	84	190536	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.74	65	120978	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.76	84	358167	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.72	67	122094	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	272958	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.20	79	48806	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.66	63	315901	55.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	115864	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	115627	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

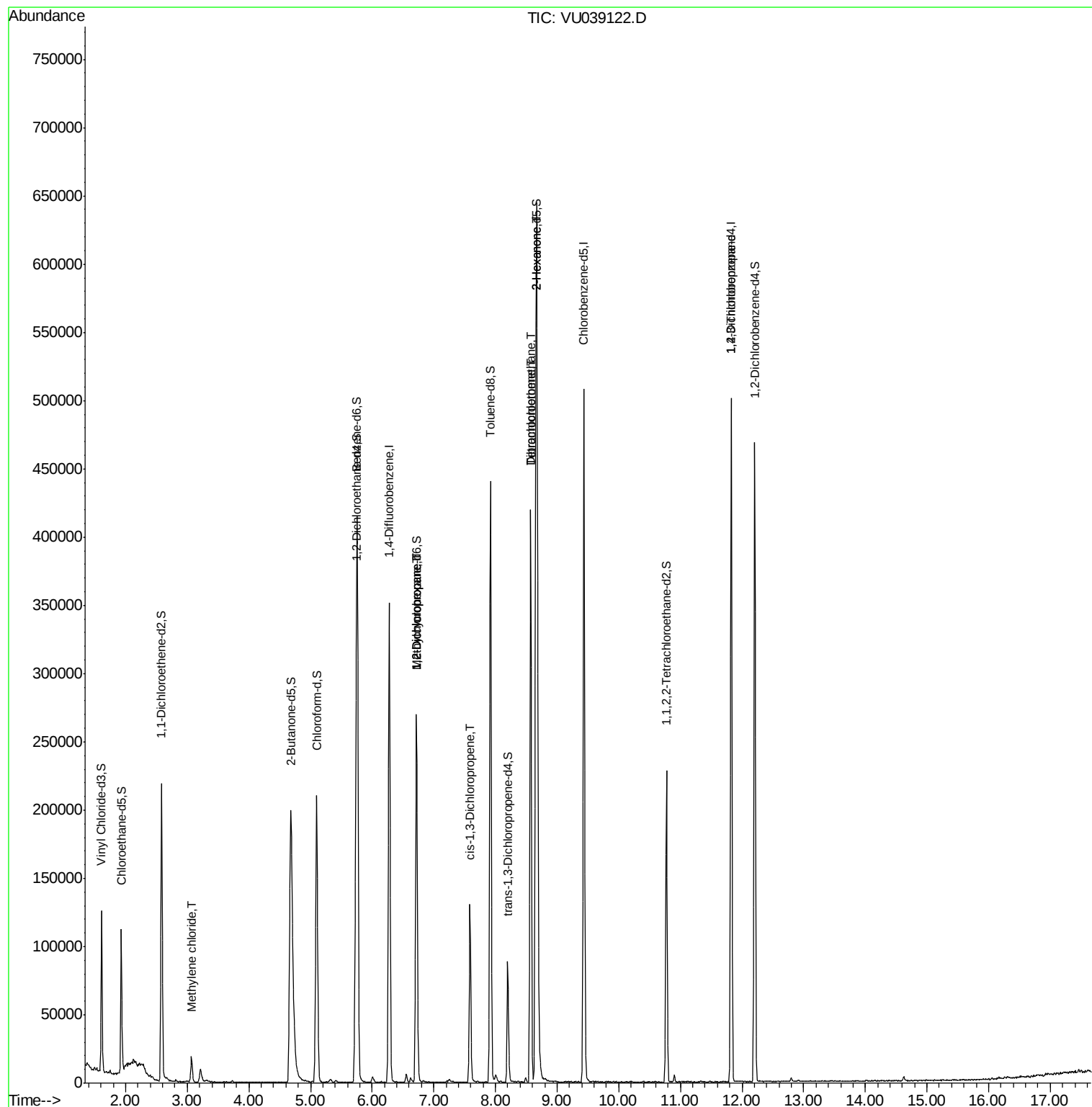
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
16) Methylene chloride	3.07	84	8043	0.348	ug/L	86
35) Methylcyclohexane	6.72	83	28956	0.939	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13972	0.600	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3388	0.105	ug/L #	64
47) Tetrachloroethene	8.57	164	86776	5.791	ug/L	94
48) 2-Hexanone	8.66	43	39557	3.104	ug/L #	72
49) Dibromochloromethane	8.57	129	84591	4.494	ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	16729	0.953	ug/L #	88

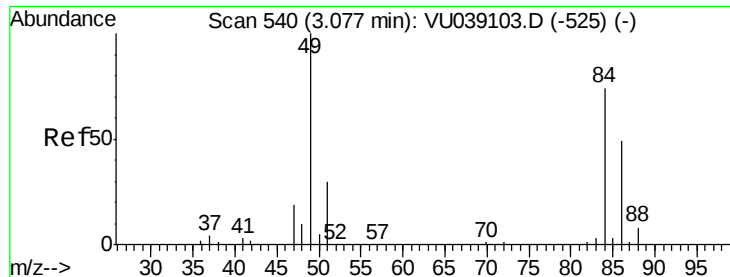
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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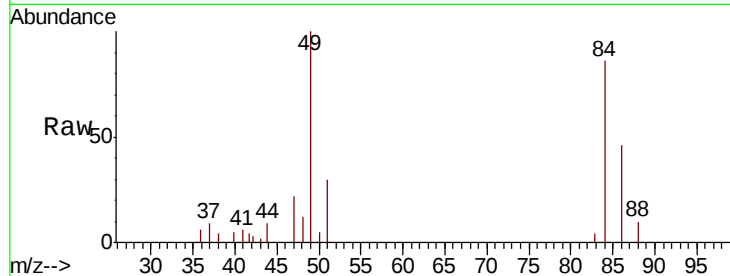




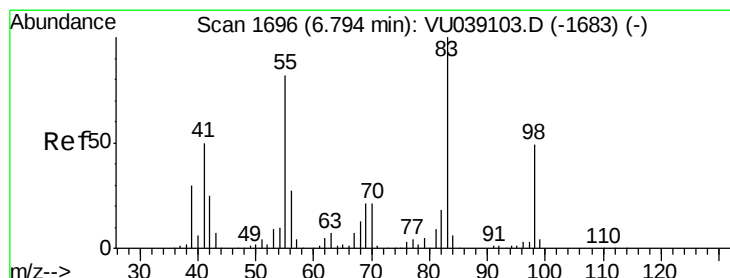
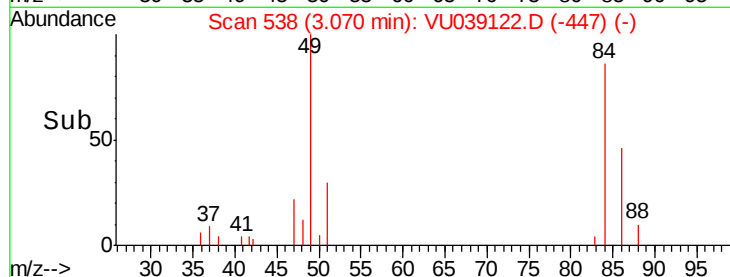
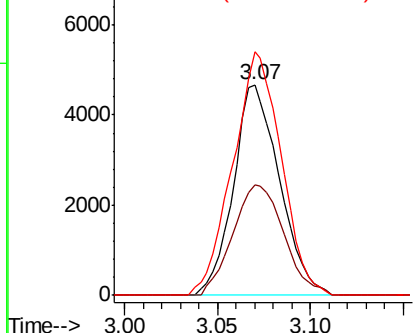
#16
Methvlene chloride
Concen: 0.348 ug/L
RT: 3.07 min Scan# 538
Delta R.T. -0.01 min
Lab File: VU039122.D
Acq: 25 Jun 2020 17:33

Instrument :
MSVOA_U
ClientSampleId :
F9F56DL

Tot Ion: 84 Resp: 8043
Ion Ratio Lower Upper
84 100
86 52.7 44.1 81.9
49 115.6 93.1 172.9

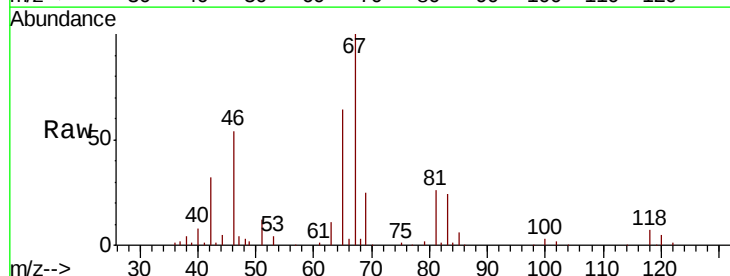


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

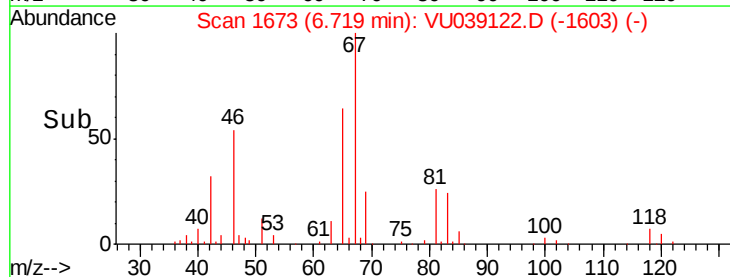
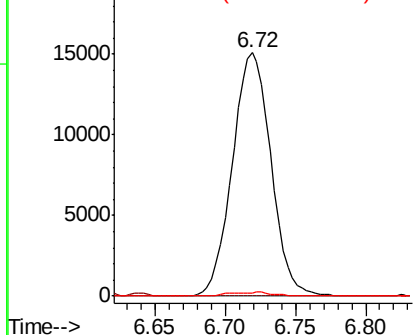


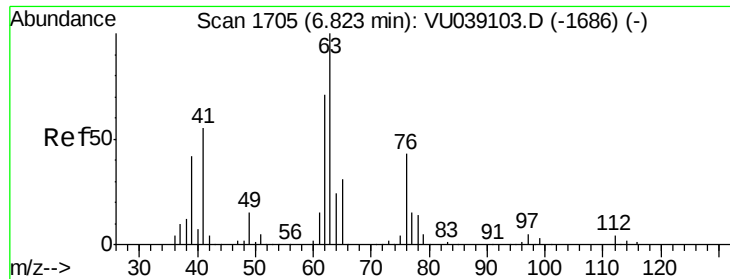
#35
Methylcyclohexane
Concen: 0.939 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039122.D
Acq: 25 Jun 2020 17:33

Tgt Ion: 83 Resp: 28956
Ion Ratio Lower Upper
83 100
55 0.0 65.5 98.3#
98 1.2 36.5 54.7#



Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

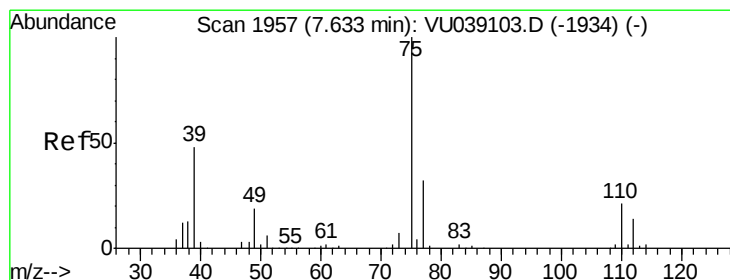
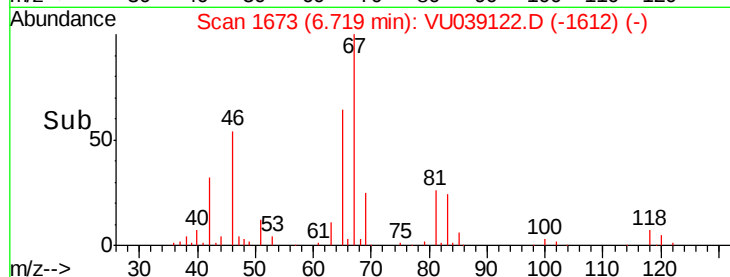
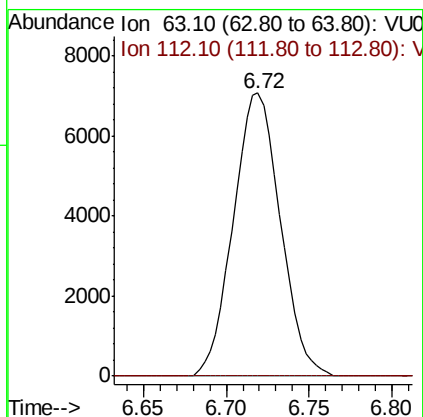
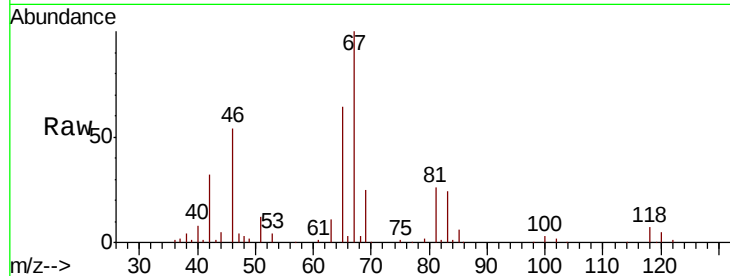




#37
 1,2-Dichloropropane
 Concen: 0.600 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU039122.D
 Acq: 25 Jun 2020 17:33

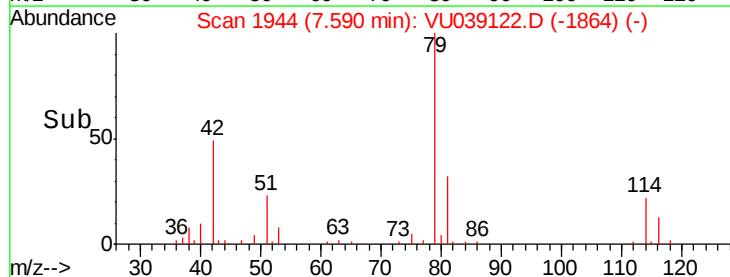
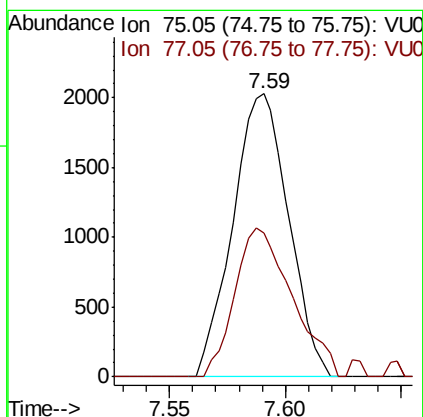
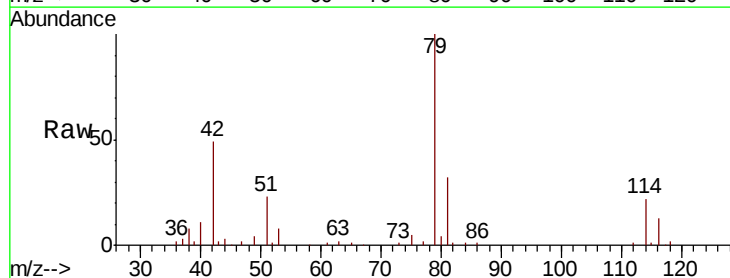
Instrument :
 MSVOA_U
 ClientSampleID :
 F9F56DL

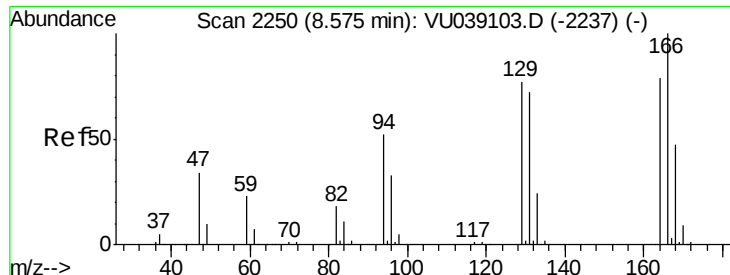
Tot Ion: 63 Resp: 13972
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039122.D
 Acq: 25 Jun 2020 17:33

Tgt Ion: 75 Resp: 3388
 Ion Ratio Lower Upper
 75 100
 77 50.8 21.6 40.0#





#47

Tetrachloroethene

Concen: 5.791 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.00 min

Lab File: VU039122.D

Acq: 25 Jun 2020 17:33

Instrument :

MSVOA_U

ClientSampleID :

F9F56DL

Tot Ion:164 Resp: 86776

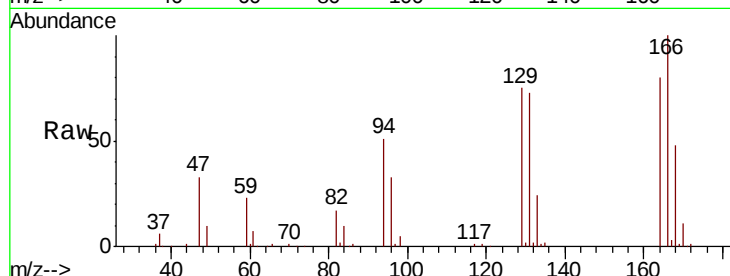
Ion Ratio Lower Upper

164 100

129 94.0 71.3 132.5

131 91.3 68.3 126.8

166 125.7 90.8 168.6

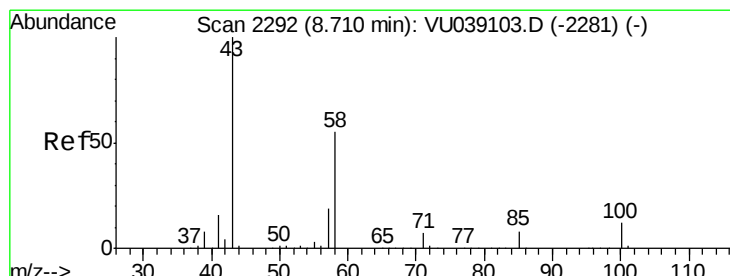
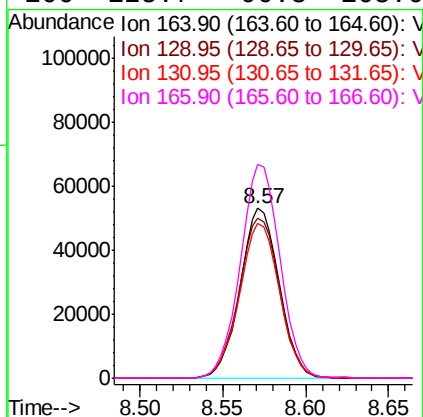
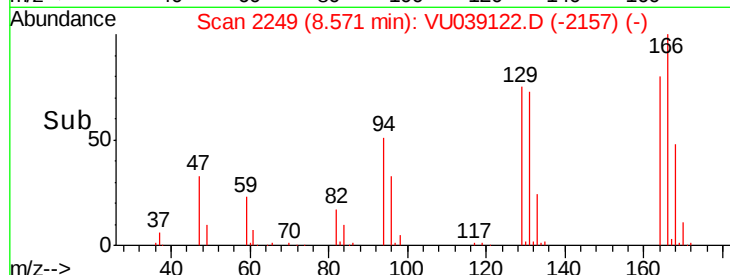


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 3.104 ug/L

RT: 8.66 min Scan# 2277

Delta R.T. -0.05 min

Lab File: VU039122.D

Acq: 25 Jun 2020 17:33

Tgt Ion: 43 Resp: 39557

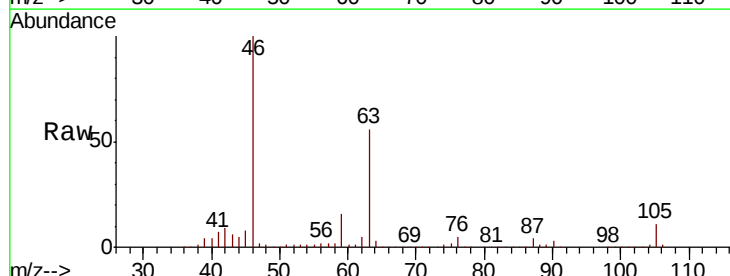
Ion Ratio Lower Upper

43 100

58 34.6 44.0 66.0#

57 30.5 15.0 22.6#

100 0.4 9.4 14.2#

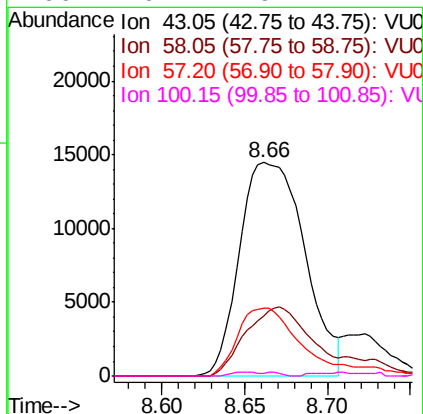
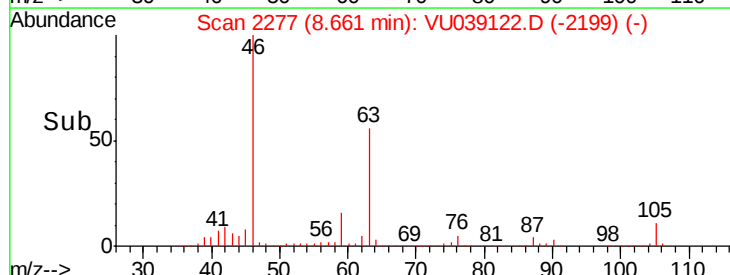


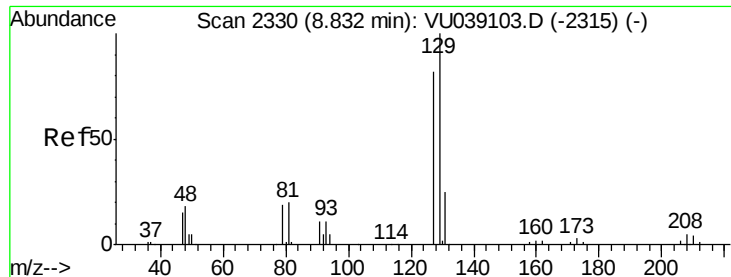
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 4.494 ug/L

RT: 8.57 min Scan# 2249

Delta R.T. -0.26 min

Lab File: VU039122.D

Acq: 25 Jun 2020 17:33

Instrument :

MSVOA_U

ClientSampleId :

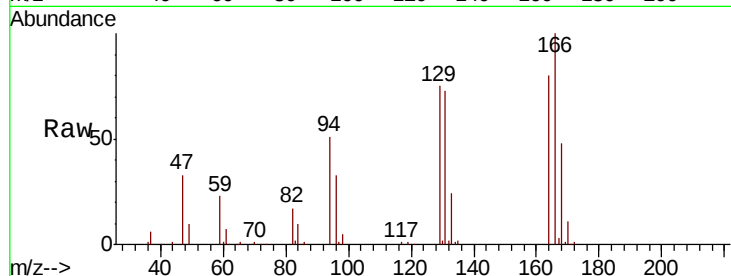
F9F56DL

Tot Ion:129 Resp: 84591

Ion Ratio Lower Upper

129 100

127 0.0 55.4 103.0#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.57

50000

40000

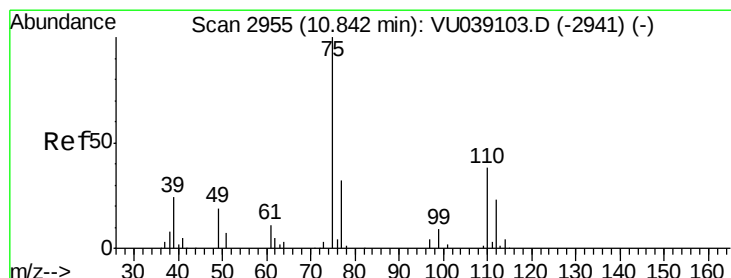
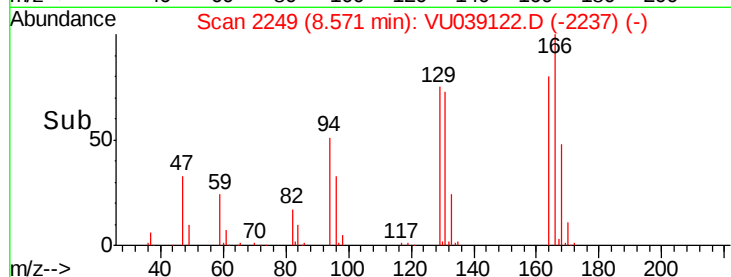
30000

20000

10000

0

Time--> 8.50 8.55 8.60 8.65



#59

1,2,3-Trichloropropane

Concen: 0.953 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU039122.D

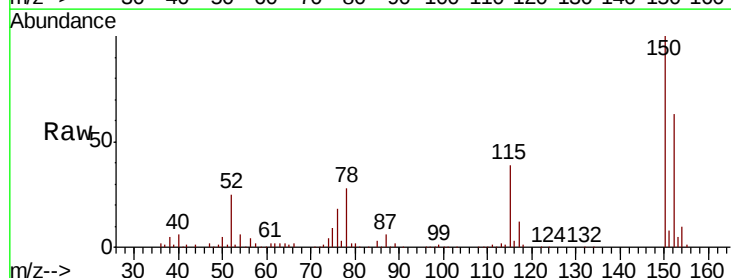
Acq: 25 Jun 2020 17:33

Tgt Ion: 75 Resp: 16729

Ion Ratio Lower Upper

75 100

77 39.4 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.83

12000

10000

8000

6000

4000

2000

0

Time--> 11.75 11.80 11.85

